

Title (en)

Process for the manufacture anti-scaling agents.

Title (de)

Verfahren zur Herstellung von Kesselstein verhindernden Mitteln.

Title (fr)

Procédé de préparation d'agents empêchant la formation de tartre.

Publication

EP 0425068 A2 19910502 (EN)

Application

EP 90304233 A 19900420

Priority

IT 2213589 A 19891025

Abstract (en)

A process for the manufacture of aqueous solutions of anti-scaling agents, starting from maleic anhydride and vinyl acetate (and optionally from a third monomer), characterised in that: (A) the amount of vinyl acetate ranges from 40 to 70% by moles, with respect to the sum of all the comonomers, the amount of maleic anhydride ranges from 30 to 50% by moles, with respect to said sum, and the amount of termonomer ranges from 0 to 30% by moles, with respect to said sum, the molar ratio vinyl acetate/maleic anhydride being substantially equal to or higher than 1; (B) the monomers are co-polymerised in an organic diluent having medium or low polarity; (C) the anhydrous suspension, obtained according to (B), is directly subjected to a reactive extraction with water. t

IPC 1-7

C02F 5/08; C08F 8/44; C08F 218/08; C11D 3/37

IPC 8 full level

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CPC (source: EP US)

C02F 5/10 (2013.01 - EP US); **C08F 8/44** (2013.01 - EP US); **C08F 218/08** (2013.01 - EP US); **C08F 222/06** (2013.01 - EP US); **C11D 3/3757** (2013.01 - EP US)

C-Set (source: EP US)

C08F 8/44 + C08F 218/08

Cited by

DE19961660A1; DE4300772A1; EP0497611A1; WO9510590A1; WO9417170A1; US6370846B1; EP0622449B1

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